

**GATEWAY CITIES TRAFFIC SIGNAL SYNCHRONIZATION AND BUS  
SPEED IMPROVEMENT PROJECT  
I-5/TELEGRAPH ROAD**

**Progress Report #33  
May 17 – June 13, 2003**

**TASK NO. 1: PROJECT MANAGEMENT**

- Siemens ITS staff attended a Progress Meeting with the County on June 12, 2003.
- Prepared and submitted progress report and invoice for the last period.
- Continued to update the project site with recent project status reports and project deliverable reports.
- The project web-site is available for viewing at:

<http://www.gardnersys.com/>

under “Projects”

**Upcoming work:**

Update the Web Site as needed

- Pilot Deployment
  - Siemens ITS revised and submitted final scope of work for the Downey Pilot Project to the County on May 21, 2003.
  - Siemens ITS met with the cities of Norwalk and Santa Fe Springs on May 22, 2003 and June 2, 2003 respectively to discuss early deployments of systems in their cities. Prepared and distributed meeting minutes

**Upcoming work:**

- Schedule a meeting with the City of Commerce.

**TASK NO. 2: STAKEHOLDERS AND OPERATIONAL OBJECTIVES**

This task has been completed.

**TASK NO. 3: REQUIREMENTS ANALYSIS**

This task has been completed.

**TASK NO. 4: HIGH LEVEL SYSTEM DESIGN**

This task has been completed.

**TASK NO.: 5: ALTERNATIVE ANALYSIS**

- No activity this period.

**Upcoming work:**

- Revise communications alternative analysis report based on County's comments.
- Revise system alternative analysis and recommendations report based on County's comments.

**TASK NO.: 6: RECOMMENDATIONS**

This task has been completed.

**TASK NO.: 7: ATMS CONCEPTUAL DESIGN REPORT**

No activity this period.

**Upcoming work:**

- Start work on the Conceptual Design Report.

**TASK NO.: 13: CCTV LOCATION ANALYSIS (TELEGRAPH ROAD)**

No activity this period.

**Upcoming work:**

- Revise draft CCTV location analysis report based on County's comments.

**TASK NO.: 14: INTERVIEW ADDITIONAL CITIES**

Completed

**Task 15: Confirm Additional Streets**

- Completed and submit the revised document to the County on May 22, 2003.

**Task 16: Inventory additional Streets & Revise Operational Objectives Report**

- Completed inventory task, and revised the operational objectives report to include additional intersections.

**Upcoming work:**

- Revise the report based on County's comments.

**Task 17: Revised LCC Recommendations Report (Whittier, Norwalk)**

- No activity this period.

**Upcoming work:**

- Revise the above report based on County's comments.

**Task 18: CCTV Location Analysis for Additional Streets**

- Completed and submitted Draft CCTV Location Analysis Report (Expanded area) to the County on May 28, 2003.

**Upcoming work:**

- Revise the draft report based on County's comments.

**Task 19: Detection Location Analysis for Additional Streets**

- Continued work on the Draft System Detection Analysis Report (Expanded area).

**Upcoming work:**

- Revise the draft report based on County's comments.

**Task 20: Revised Communications Analysis Report & Recommendations**

- Started communications analysis task for the expanded area.

**Upcoming work:**

- Continue work on the communications analysis for the expanded area.

**TASK 9 HAS BEEN REMOVED FROM THE PROJECT SCOPE****TASKS 8, 10, 11, AND 12**

Work has not yet started on these tasks.

Alan Clelland  
Project Manager

June 26, 2003

### Deliverable Status as of June 9, 2003

Task	Status	Anticipated Completion Date
<b>Task 1: Project Management</b>		
1.1 Project Coordination	On-Going	
1.2 Attend Project Meetings	On-Going	
1.3 Create and Maintain Web page	On-Going	
1.4 Prepare Project Reports	On-Going	
Travel/ODC	On-Going	
<b>Task 2: Stakeholders and Operational Objectives</b>		
2.1 Draft Operational Objectives Report	Completed	
2.2 Final Operational Objectives Report	Completed	
2.3 Individual City Reports	Completed	
<b>Task 3: Requirements Analysis</b>		
3.1.1 Draft ATMS User Requirements	Completed	
3.1.2 Final ATMS User Requirements	Completed	
3.2 ATMS Functional and Local City Control Site Requirements		
3.2.1 Draft	Completed	
3.3 Integration System User Requirements		
3.3.1 Draft	Completed	
3.3.2 Final	Completed	
3.4 Integration System Functional Requirements		
3.4.1 Draft	Completed	
3.5 Communications Requirements		
3.5.1 Draft	Completed	
3.6 Requirements Analysis Final	Completed	
<b>Task 4: High Level System Design</b>		
4.1 High Level System Design Report		
4.1.1 Draft		
4.1.1.1 System HLD Draft	Completed	
4.1.1.2 VDS Draft	Completed	
4.1.2 Final	Completed	
<b>Task 5: Alternatives Analysis and Recommendations</b>		
5.1 ATMS Analysis		
5.1.1 Draft Systems Alternatives Analysis & Recommendations	Completed	
5.1.2 Final Systems Alternatives Analysis & Recommendations		TBD
5.2 Communications Analysis & Recommendations		
5.2.1 Draft	Completed	
5.2.2 Final		TBD
<b>Task 6: LCC Recommendations</b>		
6.1 Draft	Completed	
6.2 Final	Completed	
<b>Task 7: Conceptual Design Report</b>		
7.1 Draft		
7.1.1 ATMS		August 15, 2003
7.1.2 Local City Control Site		August 15

Task	Status	Anticipated Completion Date
7.1.3 Integration Systems		August 15
7.1.4 Communications		August 15
<b>Task 8: Operations and Maintenance Plan</b>		
8.1 Draft		September 15, 2003
8.2 Final		TBD
<b>Task 9: Technical Operational and Institutional Issues</b>		
9.1 Draft		Removed
9.2 Final		Removed
<b>Task 10: City Concurrence</b>		
10.1 Resolutions		October 15, 2003
10.2 Minutes		October 22, 2003
<b>Task 11: Final Conceptual Design Report</b>		
11.1 Draft		November 15, 2003
11.2 Final		TBD
<b>Task 12: Strategic Implementation Plan</b>		
12.1 Scope of Work		
12.1.1 Draft		December 15, 2003
12.1.2 Final		TBD
12.2 Project Budget		
12.2.1 Budget		December 15, 2003
12.2.2 Cash Flow Chart		December 15, 2003
12.3 Project Schedule		December 15, 2003
12.4 Strategic Plan Final Report		
12.4.1 Draft		December 31, 2003
12.4.2 Final		TBD
12.4.3 Executive Summary		December 31, 2003
<b>Task 13: CCTV Location Analysis (TG Road)</b>		
13.1 Draft	Completed	
13.2 Final		TBD
<b>Task 14: Interview Additional Streets</b>	Completed	
<b>Task 15: Confirm Additional Streets</b>	Completed	
<b>Task 16: Stakeholders and Operational Objectives</b>		
16.1 Draft Operational Objectives Report	Completed	
16.2 Final Operational Objectives Report		TBD
<b>Task 17: LCC Recommendations</b>		
17.1 Draft	Completed	
17.2 Final		TBD
<b>Task 18: CCTV Location Analysis</b>		
18.1 Draft	Completed	
18.2: Final		TBD
<b>Task 19 System Detection Analysis</b>		
19.1: Draft	Completed	
19.2 Final		TBD
<b>Task 20: Communications Analysis &amp; Recommendations</b>		
20.1 Draft		July 15, 2003
20.2 Final		TB